U. S. Application No. 10/588,448

Group Art Unit: 3723

Page 2 of 7

In the Claims:

Please amend the claims so that the pending claim set reads as follows:

1. (Currently amended) [[A]] In a hydraulic torque wrench fastener tightening system

having a double acting cylinder that turns a socket of the wrench upon an advance of the cylinder

and ratchets backward over the socket without turning the socket upon a retract of the cylinder in

which, in response to an operator actuating an advance actuator and holding it actuated, the

system alternately: (a) applies a pressure to the cylinder to advance the cylinder until a

programmable set pressure is reached; and (b) applies a pressure to the cylinder to retract the

cylinder until a set pressure is reached; the improvement wherein the system includes controls

that control the system such that after when a desired torque of the fastener is reached, the

controls continue the alternation cycle between processes (a) applying a pressure to the cylinder

to advance the cylinder and (b) applying a pressure to the cylinder to retract the cylinder

continues and the period of the alternation cycle is reduced in duration and to thereby audibly

indicates indicate to the operator that the fastener has reached the desired torque.

2. (Canceled)

3. (Canceled)

4. (Currently amended) A hydraulic torque wrench fastener tightening system as

claimed in claim 1, wherein the system further comprises a visual indicator that gives the

operator also receives a visual indication that the fastener has reached the desired torque.

5. (Original) A hydraulic torque wrench fastener tightening system as claimed in claim

1, wherein after the fastener has reached the desired torque the system shuts off a motor that

drives a pump of the system after a certain time period following reaching the desired torque.

6. (Canceled)

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7. (Previously Presented) A hydraulic torque wrench fastener tightening system as claimed in claim 1, wherein the pump is shut off by the system in response to a reduction in the duration of the alternation cycle between processes (a) applying a pressure to the cylinder to advance the cylinder and (b) applying a pressure to the cylinder to retract the cylinder.

8. (Original) A hydraulic torque wrench fastener tightening system as claimed in claim 1, wherein the system stores information to convert pressure measurements to torques applied by the wrench.

- 9. (Original) A hydraulic torque wrench fastener tightening system as claimed in claim 1, wherein the system includes a user adjustable pressure relief valve.
- 10. (Original) A hydraulic torque wrench fastener tightening system as claimed in claim 1, wherein the system has a port to communicate with an external computer.
- 11. (Original) A hydraulic torque wrench fastener tightening system as claimed in claim 1, wherein the pump is shut off if the advance actuator is not actuated for a period of time.
- 12. (New) A method of tightening a fastener using a hydraulic torque wrench comprising the steps of:

tightening the fastener to a desired torque by repeatedly actuating a double acting cylinder of the hydraulic torque wrench over a first stroke distance; and

providing an audible indication by repeatedly actuating the double acting cylinder over a second stroke distance after the fastener has been tightened to the desired torque, wherein the second stroke distance is less than the first stroke distance.

13. (New) The method of claim 12, further comprising the step of continuously holding an advance key to repeatedly actuate the double acting cylinder.

U. S. Application No. 10/588,448

Group Art Unit: 3723

Page 4 of 7

14. (New) The method of claim 12, further comprising the step of providing a visual

indication after the fastener has been tightened to the desired torque.

15. (New) A method of tightening a fastener using a hydraulic torque wrench

comprising the steps of:

holding an advance key to supply fluid to a double acting cylinder, and in response the

hydraulic torque wrench alternating between:

turning a socket engaged with the fastener upon advancement of the double acting

cylinder until a programmable set pressure is reached;

ratcheting backward over the socket without turning the socket upon retraction of

the double acting cylinder until a set pressure is reached; and

increasing the frequency at which the double acting cylinder switches between

advancement and retraction after a desired torque is applied to the fastener and thereby providing

an audible indication that the desired torque has been applied.

16. (New) The method of claim 14, further comprising the step of supplying full pump

flow to the double acting cylinder until the hydraulic torque wrench switches between

advancement and retraction and vice versa.